SEQUENCE LISTING

<110> NERI, Dario
MELKKO, Samu

<120> Encoded Self-Assembling Chemical Libraries (Esachel)

<130> PUS-E005-105B

<140> 10/507,140
<141> 2002-04-15

<150> PCT/EP02/04153
<151> 2002-03-08

<160> 28

<170> PatentIn version 3.3

<210> 1
<211> 60
<212> DNA
<213> Artificial

<220>
<223> Primer L19VH_Eco_fo

<400> 1
tttcacacag aattcattaa agaggagaaa ttaactatgg aggtgcagct gttggagtct 60

<210> 2
<211> 66
<212> DNA
<213> Artificial

<220>
<223> Primer L19VH_Hind_ba

<400> 2
tcaatctgat taagcttagt gatggtgatg gtgatgacat ccaccactcg agacggtgac 60

cagggt 66

<210> 3
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Primer L19VL_Eco_fo

<400> 3
tttcacacag aattcattaa agaggagaaa ttaactatgg aaattgtgtt gacgcagtct 60

cca 63

<210> 4
<211> 69
<212> DNA
<213> Artificial

<220>
<223> Primer L19VL_Hind_ba

<400> 4

tcaatctgat taagcttagt gatggtgatg gtgatgacat ccacctttga tttccacctt 60

ggtcccttg 69

<210> 5
<211> 60
<212> DNA
<213> Artificial

<220>
<223> Primer HH10VH_Eco_fo

<400> 5
tttcacacag aattcattaa agaggagaaa ttaactatgg aggtgaagct gcagcagtct 60

<210> 6
<211> 66
<212> DNA
<213> Artificial

<220>
<223> Primer HH10VH_Hind_ba

<400> 6
tcaatctgat taagcttagt gatggtgatg gtgatgacat ccacctgcag agacagtgac 60

cagagt 66

<210> 7
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Primer

<400> 7
tttcacacag aattcattaa agaggagaaa ttaactatgg atattgtgct aactcagtct 60

cca 63

<210> 8
<211> 69
<212> DNA
<213> Artificial

<220>
<223> Primer

<400> 8
tcaatctgat taagcttagt gatggtgatg gtgatgacat ccacctttta tttccagctt 60

ggtcccccc 69

<210> 9
<211> 48
<212> DNA
<213> Artificial

<220>
<223> with 5' -thiol

<400> 9

ggagcttctg aattctgtgt gctgcataat cgacacgaat tccgcagc 48

<210> 10
<211> 48
<212> DNA
<213> Artificial

<220>
<223> with 3' -thiol

<400> 10
tcgcgagggg aattcgtcat atatcagcac acagaattca gaagctcc 48

<210> 11
<211> 48
<212> DNA
<213> Artificial

<220>
<223> HyHel10_5SH with 5'-thiol

<400> 11
ggagcttctg aattctgtgt gctgcagtgg cgacacgaat tccgcagc 48

<210> 12
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer HyHel10_3SH with 3'-thiol

<400> 12
tcgcgagggg aattcgtcat agggcagcac acagaattca gaagctcc 48

<210> 13
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer GST_5SH with 5'-thiol

<400> 13
ggagcttctg aattctgtgt gctgctgagg cgacacgaat tccgcagc 48

<210> 14
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer GST_3SH with 3'-thiol

<400> 14
tcgcgagggg aattcgtcaa gaggcagcac acagaattca gaagctcc 48

<210> 15
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Primer 1AB_PCRfo

<400> 15
ggagcttctg aattctgtgt gctg 24

<210> 16
<211> 18
<212> DNA
<213> Artificial

<220>
<223> Primer 1A_PCRba

<400> 16
gctgcggaat tcgtgtcg 18

<210> 17
<211> 18
<212> DNA
<213> Artificial

<220>
<223> Primer 1B_PCRba

<400> 17
tcgcgagggg aattcgtc 18

<210> 18
<211> 39
<212> DNA
<213> Artificial

<220>
<223> Primer typeB_oligo

<400> 18
gcataccgga attcccagca taatgatcgc tatcgctgc 39

<210> 19
<211> 63
<212> DNA
<213> Artificial

<220>
<223> Primer typeA_oligo with spacer element; d is a, c, g, or t

<220>
<221> Spacer element
<222> (40)..(45)

<400> 19
cgtcagctcg aattctccat atatgcagcg atagcgatcd dddddctggg aattccggta 60

tgc 63

<210> 20
<211> 18
<212> DNA
<213> Artificial

<220>

<223> Primer CodeABfo

<400> 20
gcataccgga attcccag 18

<210> 21
<211> 18
<212> DNA
<213> Artificial

<220>
<223> Primer CodeABba

<400> 21
cgtcagctcg aattctcc 18

<210> 22
<211> 29
<212> DNA
<213> Artificial

<220>
<223> Primer with 5' sequence specifically coding a member of a sublibrary; where n is a, c, g, or t

<220>
<221> misc_feature
<222> (1)..(5)
<223> n is a, c, g, or t

<400> 22
nnnnncagca cacagaattc agaagctcc 29

<210> 23
<211> 29
<212> DNA
<213> Artificial

<220>
<223> Primer with a 3' sequence specific for a member of a library; where n is a, c, g, or t

<220>
<221> misc_feature
<222> (25)..(29)
<223> n is a, c, g, or t

<400> 23
ggagcttctg aattctgtgt gctgnnnnn 29

<210> 24
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Primer with 5' sequence specific for a chemical moiety linked to primer by a biotinylated base analog

<400> 24
cagcacacag aattcagaag ctcc 24

<210> 25
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer with 5' iminobiotinyl-NH-(CH2)6 group

<400> 25
ggagcttctg aattctgtgt gctgattggc cgacacgaat tccgcagc 48

<210> 26
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer with 3' (CH2)6-NH-iminobiotinyl group

<400> 26
tcgcgagggg aattcgtcat ttaccagcac acagaattca gaagctcc 48

<210> 27
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer with 5' CY5-NH-(CH2)6 group

<400> 27
ggagcttctg aattctgtgt gctggtgtgc cgacacgaat tccgcagc 48

<210> 28
<211> 48
<212> DNA
<213> Artificial

<220>
<223> Primer with 3' (CH2)6-NH-CY5 group

<400> 28
tcgcgagggg aattcgtcgt taagcagcac acagaattca gaagctcc 48